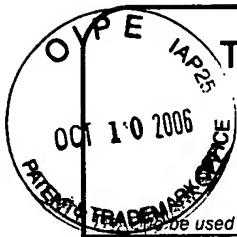


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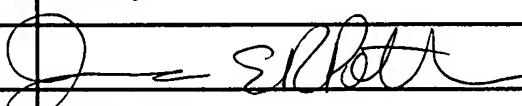
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Application Number	10/644,548
Filing Date	August 20, 2003
First Named Inventor	Vivien Chan
Art Unit	1646
Examiner Name	Eileen B. O'Hara
Total Number of Pages in This Submission	Attorney Docket Number 59516-159

ENCLOSURES (check all that apply)

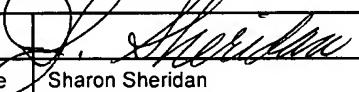
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Firm	Davis Wright Tremaine LLP		
Signature			
Printed Name	Jane E. R. Potter		
Date	October 3, 2006	Reg. No.	33,332

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10/3/06

Sharon Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Vivien Chan et al.

Application No. : 10/644,548

Filed : August 20, 2003

For : Notch Receptor Ligands and Uses Thereof

Art Unit : 1646

Docket No. : 59516-159

Examiner : Eileen B. O'Hara

Date : October 3, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 09/641,612, filed August 17, 2000. The references listed on the attached form PTO/SB/08 were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application, with the exception of Accession No. Y11895, which is enclosed. If the Examiner wishes, copies will be provided upon request. As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such

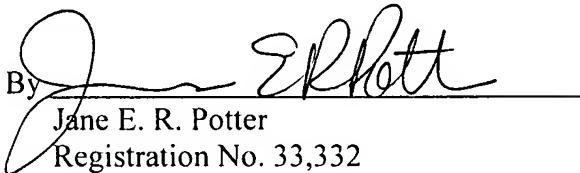
reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

No fee is due at this time in accordance with 37 C.F.R. § 1.97(b).

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DAVIS WRIGHT TREMAINE LLP

By 
Jane E. R. Potter
Registration No. 33,332

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~~Substitute for form 1449A/PTO~~

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(Use as many sheets as necessary)

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<i>Application Number</i>	10/644,548
		<i>Filing Date</i>	August 20, 2003
		<i>First Named Inventor</i>	Vivien Chan
		<i>Art Unit</i>	1646
		<i>Examiner Name</i>	Eileen B. O'Hara
Sheet	1	of	4
		<i>Attorney Docket Number</i>	59516-159

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/644,548
				<i>Filing Date</i>	August 20, 2003
				<i>First Named Inventor</i>	Vivien Chan
				<i>Art Unit</i>	1646
				<i>Examiner Name</i>	Eileen B. O'Hara
Sheet	2	of	4	Attorney Docket Number	59516-159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		TONON et al., t(11:19)(q21;p13) Translocation in Mucoepidermoid Carcinoma Creates a Novel Fusion Product That Disrupts a Notch Signaling Pathway, <i>Nat. Genet.</i> , 33:208-213, 2003.		
		AITKENHEAD et al., Identification of Endothelial Cell Genes Expressed in an In Vitro Model of Angiogenesis: Induction of ESM-1, β ig-h3, and NrCAM, <i>Microvascular Res.</i> , 63:159-171, 2002.		
		LEONG et al., Activitated Notch-4 Inhibits Angiogenesis: Role of β 1-Integrin Activation, <i>Mol. Cell. Biol.</i> , 22:2830-2841, 2002.		
		CALLAHAN et al., Notch Signaling in Mammary Gland Tumorigenesis, <i>J. Mammary Gland Biol. Neoplasia</i> , 6:23-36, 2001.		
		Genbank Accession No. AL078605, April 29, 2000.		
		RADTKE et al., Deficient T Cell Fate Specification in Mice With an Induced Inactivation of Notch1, <i>Immunity</i> 10(5):547-558, May 1999.		
		XUE et al., Embryonic Lethality and Vascular Defects in Mice Lacking the Notch Ligand Jagged1, <i>Hum. Mol. Gen.</i> 8(5):723-730, May 1999.		
		ZECCHINI et al., An Activity of Notch Regulates JNK Signalling and Affects Dorsal Closure in <i>Drosophila</i> , <i>Current Biology</i> 9(9):460-469, April 21, 1999.		
		Abstract of JP11299493, esp@cenet database, November 2, 1999.		
		Accession No. Y11895, March 14, 1997.		
		Derwent dgene database, Accession No. AAX16303, April 22, 1999.		

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				Application Number	10/644,548
				Filing Date	August 20, 2003
				First Named Inventor	Vivien Chan
				Art Unit	1646
				Examiner Name	Eileen B. O'Hara
Sheet	3	of	4	Attorney Docket Number	59516-159

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
		GRAY et al., Human Ligands of the Notch Receptor, <i>Am J Pathol.</i> 154(3):785-794, March 1999.		
		LENDALH, A Growing Family of Notch Ligands, <i>BioEssays</i> 20(2):103-107, February 1998.		
		SALLOWAY et al., CADASIL Syndrome: A Genetic Form of Vascular Dementia, <i>J. Geriatr. Psychiatry Neurol.</i> 11(2):71-77, Summer 1998.		
		Genbank Accession No. AB013440, October 9, 1998.		
		BOULTER et al., DatabaseGenEmbl, Accession No. AF084576, August 30, 1998.		
		Database EST, Accession No. AI089793, October 1, 1998.		
		DUNWOODIE et al., Mouse D113: A Novel Divergent Delta Gene Which May Complement the Function of Other Delta Homologues During Early Pattern Formation in the Mouse Embryo, <i>Development</i> 124(16):3065-3076, August 1997.		
		JOUTEL et al., Strong Clustering and Stereotyped Nature of Notch3 Mutations in CADASIL Patients, <i>Lancet</i> 350(9090):1511-1515, November 22, 1997.		
		LI et al., Alagille Syndrome is Caused by Mutations in Human Jagged1, Which Encodes a Ligand for Notch1, <i>Nature Genetics</i> 16(3):243-251, July 1997.		
		MAGOVERN et al., Regional Angiogenesis Induced in Nonischemic Tissue by an Adenoviral Vector Expressing Vascular Endothelial Growth Factor, <i>Human Gene Therapy</i> 8:215-227, January 20, 1997.		
		ODA et al., Mutations in the Human Jagged1 Gene are Responsible for Alagille Syndrome, <i>Nature Genetics</i> 16(3):235-242, July 1997.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

4

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Application Number	10/644,548
Filing Date	August 20, 2003
First Named Inventor	Vivien Chan
Art Unit	1646
Examiner Name	Eileen B. O'Hara

Attorney Docket Number 59516-159

NON PATENT LITERATURE DOCUMENTS		
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		SHIRAYOSHI, Proto-Oncogene of INT-3, A Mouse Notch Homologue, Is Expressed in Endothelial Cells During Early Embryogenesis, <i>Genes to Cells</i> 2(3):213-224, March 1997.
		UYTTENDAELE, Notch4/int-3, A Mammary Proto-Oncogene, Is an Endothelial Cell-Specific Mammalian Notch Gene, <i>Development</i> 122(7):2251-2259, July 1996.
		ZIMRIN et al., An Antisense Oligonucleotide to the Notch Ligand Jagged Enhances Fibroblast Growth Factor-Induced Angiogenesis in Vitro, <i>Jour. Biol. Chem.</i> 271(51):32499-32502, December 20, 1996.
		FITZGERALD et al., Interchangeability of Caenorhabditis Elegans DSL Proteins and Intrinsic Signalling Activity of Their Extracellular Domains in Vivo, <i>Development</i> 121(12):4275-4282, December 1995.
		Genbank Accession No. Z48825, March 30, 1995.
		ELLISEN et al., TAN-1, The Human Homolog of the Drosophila Notch Gene, Is Broken by Chromosomal Translocations in T Lymphoblastic Neoplasms, <i>Cell</i> 66(4):649-661, August 23, 1991.
		MONTESANO et al., Tumor-Promoting Phorbol Esters Induce Angiogenesis in Vitro, <i>Cell</i> 42(2):469-477, September 1985.

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